

# **Solid Waste Master Plan Revision Public Hearing Draft**

Solid Waste Advisory  
Committee

September 22, 2005



# Why is MassDEP revising SWMP?

- Required to develop & maintain plan (SW Act of 1987)
- Beyond 2000 SWMP
  - 70 % waste reduction
  - Reduce toxics in solid waste
  - Ensure remaining waste handled safely
- Halfway through 2000 Plan, face new challenges and opportunities

# Accomplishments: 2000-2005

- Accomplished a lot halfway through the Plan
- MA: national leader in diverting commercial food waste
- 116 PAYT programs
- Expanded C&D processing capacity
- Solid waste site assignment and permitting regulations

# Challenges and Opportunities

- Challenges:
  - increasing generation
  - slowed growth in recycling
  - difficulty siting solid waste facilities
  - fiscal pressures on state and local government
- Opportunities:
  - strong recycling markets
  - cost-effective programs
  - strong public/private partnerships
  - Support for expanded waste ban enforcement

# Solid Waste Mgmt Trends

- From 1999 to 2003:
  - Generation up 6 percent (total 13 million tons/yr)
  - Recycling rates flat (MSW at 34%)
  - Waste reduction up from 51% to 55% (through 2002)
  - Total disposal down 3 percent
  - Net export flat (1.5 million tons)

# Why is Waste Reduction Important?

- Environmental and energy benefits – In 2003: recycling and composting:
  - reduced 2.2 million tons carbon equivalent GHG emissions
  - saved enough energy to power 800K households
  - saved 18 million trees
- Saving \$\$
  - Avoided disposal cost about \$70/ton plus value of recyclables
    - e.g., more than \$100 million of paper disposed
- Supporting business and jobs
  - 19,000 jobs in Massachusetts recycling

# Draft SWMP Revisions Maintain:

- 70 percent waste reduction goal
  - Add recycling sub-goal of 56%
- No net import/export policy – remove 2006 date
  - Recognize will be net exporter for foreseeable future
  - MassDEP has limited ability to affect where waste goes
  - Best way to affect – waste reduction capacity
- Combustion Facility Moratorium

# Waste Reduction Themes – Targeting Resources

- Target waste stream sectors with the greatest waste reduction potential
- Food waste and other organics, paper and cardboard
- Combined additional waste reduction potential of nearly 3 million tons/year



# Waste Reduction Themes – Public/Private Partnerships

- Expand Supermarket Organics Recycling Network
- Use as model to develop other business sector partnerships

# Waste Reduction Themes – Cost Savings Strategies

- Take advantage of strong recycling markets
- Municipal strategies: Pay-As-You-Throw, improved contracting strategies
- Business strategies: Resource Management contracting, technical assistance on efficient collection strategies (e.g., municipal programs for small businesses)

# **Waste Reduction Themes – Leverage more from Waste Bans**

- Hauler/generator enforcement
- Linking DARP and certification approaches (e.g., supermarkets) with waste bans
- Implement C&D ban and assess other potential new bans

# Process/Next Steps

- October 2005 – Public comment and hearings
- Winter 2005/2006 - Response to comments and publish final revision
- Implement revised Master Plan